

Landowner's Name, Town, VT
OPERATION AND MAINTENANCE PLAN
FOR
GRASSED WATERWAY

A properly operated and maintained **Grassed Waterway** is an asset to your property. This grassed waterway was designed and installed to convey runoff safely from the drainage area to a safe outlet. The estimated life span of this practice is 10 years. The life of this practice can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic operation and maintenance to maintain satisfactory performance. The following are some requirements to help you develop a good operation and maintenance program.

Operation and Maintenance

1. Avoid excessive travel on any portion of the waterway that will damage or destroy the vegetative cover and do not use as a roadway.
2. Maintain vigorous growth of desirable vegetation. This includes reseeding, fertilization and controlled application of herbicides when necessary. Periodic mowing may also be needed to control height. Mow at least one time per year to control woody vegetation.
3. Install and maintain fences to control livestock access when adjacent fields are used for pasture. Limit livestock access to periodic grazing without damage.
4. Remove sediment deposits in the channel to maintain design capacity.
5. Remove all foreign debris that may reduce capacity or hinder system operation.
6. Remove any obstructions or blockages of spillways, trash racks or pipe inlets.
7. Replace weathered or displaced rock riprap used for stone center to its original grade.
8. Periodically check the earth fill sections for cracks or settlement and repair damage.
9. Eradicate or otherwise remove all burrowing animals. Immediately repair any damage caused by their activity.
10. Immediately repair any damage caused by vandalism, vehicular traffic, or livestock access to any earth fills, spillways, outlets or other appurtenances.
11. Remove woody vegetation from the berm and/or channel to maintain design capacity.

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Specific Requirements for Your Practice

- 1.
- 2.
- 3.